



FEEDLINE

BULLETIN OF THE CANTON AMATEUR RADIO CLUB
Affiliated with the "American Radio Relay League"



August.....1996

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The C.A.R.C. meets the third Wednesday of the month at 7:30 PM.

The next meeting is *August 21st*, at the **EMERGENCY PREPAREDNESS CENTER!**

VE Exam Scheduled

Gary Klein WC8W, our local VE, will be conducting a VE exam session on Saturday, August the 31st at the Stark County EOC (Sheriff's Dept.). Doors will open at 8:00 a.m. and testing will start around 9:00 a.m. 610 forms will be provided. Don't forget to bring a copy of your current license if you are upgrading and your registration money.

HOF Grand Parade Thank-you's

Short and sweet folks, we had the best year ever! Our primary purpose this year was to provide emergency communications along the parade route and we did a fine job of that. There were several medical emergencies during the parade. Through the quick and efficient use of amateur radio, medical help was dispatched and arrived in record times. Here's a list of the fine people who helped out with this event.

John N8WHH, Dave WD8AYE, Dick WB8VUN, Dag W8LVL, Joe KB8VZX, Melissa KB8YKC, Steve KB8TPH, Jim WA8GXM, Chris KB8LPJ, Dan N8JBB, Ron KA8FTP, Mike N8NVW, Everett N8EIL, Danny KG8RV, Herb WD8IPE, Jerry KA8AHF, Juanita KC8CQC, Dave N8WWN, Bob WA8BCX, Jim WD8OIZ, Roger WA8AHK, Mike AA8RS, Bruce KB8SAF, Wade WD8MIU, Julius KD8XD, Dan N8DZM, Dick KC8OU, Terry N8ATZ, Rich KG8VU, Marco KB8MHQ, Dave KC8EEY, Denny N8UDL, Gordy K4FID, Bob N8AHJ, Don WD8DEA, John K8LBZ, Dale KB8LWP, Tom WD8PCG, George W8AKU, Paul KB8VAS, Judy KA8RSQ.

Kick-Off Paradeby Judy, N8AIM

A big **THANK YOU** goes to all who helped make the communications for the 1996 Kickoff Parade go so smoothly. These included Bruce (KB8SAF), Roy (WA8SCH), Warren (KC8ON), John (K8LBZ), Paul (KB8VAS), Dennis (N8UDL), Judy (KA8RSQ), Juanita (KC8CQC), and Dale (KB8LWP) who worked the parade route from beginning to end, Rich (KG8VU) and Kay (W8LNK) who helped with net control and Dave (WD8AYE) and John (N8WHH) who gave support where needed. Thanks for a job well done!

Stark County Directories

Finally after a long wait the 1996 Stark County Directories are ready for distribution. They will be available at this month's meeting and will be stored at the club shack, please attend this month's meeting and pick up your directory. Many thanks to Denny, N8UDL for his non-stop management of this valuable database. Denny has a lot of man hours invested in this project and has made it as accurate as possible. A single directory will given free of charge to each member of our club. Additional directories and directories for non-members will be available for a small fee to cover costs.

Lightningby Dick, KC8OU

Since we are part of the populace that lives in "Tornado Alley", much useful information is readily available on what to do and how to react to such storms via radio, TV, and the printed media. However, there is a more constant danger lurking in those stormy skies, and that is the problem of "LIGHTNING". It seldom gets the coverage it deserves.

Since Ben Franklin flew his kite into a thunderstorm, much has been learned about the devastating consequences that can be suffered due to lightning. Watching storm activity from a spacecraft illustrates the frightening frequency with which the earth is struck by lightning.

Some surprising statistics: The average lightning stroke is 6 miles long. A bolt can reach 50,000 degrees F (hotter than the sun)! Never strikes twice in the same place? I recently saw a video of 5 strikes in rapid succession to an oil well site, setting it on fire. All areas of the country are susceptible to lightning, but the most susceptible is the area bounded by Tampa, Orlando, and Ft. Myers Florida. This area alone has seen 362 deaths and 1241 injuries from lightning since 1959, and averages 25 major cloud/ground strikes per square mile each year. Only the Amazon River Basin in Central Africa has more of this type of activity.

To determine how far away a particular flash of lightning might be, count the seconds (thousand-one, thousand two, etc.) from the time you see the flash until you hear the clap of thunder. When you hear the thunder, stop counting and divide the number of seconds by five to get the distance in miles. Example...15 seconds from the flash to the boom, divided by 5, puts the lightning at 3 miles away from your location.

Make sure the power coming into your house is well grounded. Many are poorly protected with a superficial ground...check yours out! It also makes sense to ground ham and TV antennas, disconnect the Cable TV, and even detach phone lines from your computer, BEFORE the storm is on top of you. Refrain from using the telephone during a thunderstorm ...unless for an emergency. Stay away from large picture windows and fireplaces. If you are a golfer, use wooden shaft umbrellas, and leave the course quickly, don't wait, if threatening weather is approaching.

If caught in the open, stay away from trees and power line poles. If you can't find shelter, seek protection in a culvert or a ditch. If your hair begins to stand on end, drop immediately to your knees, and bend forward with your hands on your knees...lightning is close to striking you or something nearby!

Nature can be beautiful, and other times awesome...be prepared!
(Some data herein, from the Punta Gorda FL "News Press")

Silent Key.....

We lost a member of our club last month, George Waseman, W8SPZ fell silent key after a long illness. Our condolences go out to Georges family. Wilbur Moser, N8OPC has been asked by Georges family to handle the sale of the amateur gear, listed as follows.

Tentec 554 Digital Display Transceiver
Tentec 262 Power Supply
Tentec 277 Antenna Tuner/SWR Bridge
Heathkit HW-202 2-meter mobile w/power supply
Heathkit SB-200 Power Amplifier
Heathkit PM-2 Tuning Meter
Heathkit HN-31 50-ohm RF Dummy Load
Cornell-Dubilier TR-44 Antenna rotor / control
Astatic D-104 Desk mic
Drake TV-1000 Low-pass filter
Shurtite DC 0-1.0ma Meter

Mosley TA-33 10,15,20 Meter Beam, adaptable to 40 meters

Simpson 77 VTVM

Superior 670 Multimeter

Aul TVOM3 Multimeter

EMC 905 Battery Charger/Eliminator

Eico 324 Signal Generator

Eico 460 Oscilloscope

Concord MTC-12 Automatic TV Camera

Cobra 77X 40 channel CB

Gemark 107 4 track Reel-to-Reel Tape Recorder

Morrow CM-1 Conelrad Broadcast Receiver

Westinghouse Type PC AC Voltmeter (Antique-1922)

Lots of misc. electrical/electronic items

Old QST and CQ magazines

Cushcraft ARX-2B482 2 meter antenna

Interested parties, please contact Wilbur, N8OPC @ 330-868-3088 (Minerva) prior to October 1st.

Club 6 Meter Radio

The club purchased Azden 6 meter radio is installed and operational along with a brand new Diamond Tri-band antenna and triplexor. The radio is strictly FM and has several repeaters programmed into it already. The radio "homes" up on the Skywarn backbone repeater system, which gives us easy access to Skywarn info should the EOC be manned during bad weather. The new antenna covers 6, 2 and 440, you can see it on one of the side arms off of our tower.

CARC Club Minutes

Sorry folks, the minutes from last meeting were not available at the time of this printing.



September 1996

Autumn Begins - 9/22/96



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																				
1 Stark County Mutual Aid Net PACKET, RTTY CW, FM, & SSB	2 <i>Sloppy Fist Net every Monday thru Friday at 9 PM on 28.138 MHz</i> Labor Day	3 7:00 PM Stark County ARES Net 147.12+ 7:30 PM Swap Net, 147.015+ 8:30 PM CW Net 28.090 MHz	4 N8UXK BD	5 7:30 PM QCWA (Chapter 21) Net, 146.79- 9:00 PM AARC Net, 145.37- Meetings Tusco ARC & Alliance ARC	6 8:00 PM Meeting Massillon ARC, Senior Citizen Center, Massillon KB8GIA BD	7																																																																																				
8 Stark County Mutual Aid Net ?? Hamfest, Butler Pa. Hamfest, Findley ARC	9 W8TUY BD	10 7:00 PM Stark County ARES Net 147.12+ 7:30 PM Swap Net, 147.015+ 8:30 PM CW Net 28.090 MHz KF8ZT BD	11 K8DNZ BD	12 7:30 PM QCWA (Chapter 21) Net, 146.79- 9:00 PM AARC Net, 145.37- N8LVO BD KB8SAK BD	13	14 K8BUVU BD Rosh Hashanah																																																																																				
15 Stark County Mutual Aid Net PACKET, RTTY CW, FM, & SSB Hamfest, Triple States ARC, Wheeling Park, Wheeling WVa	16 7:00 PM Trustees Meeting, Canton ARC. Emerg. Prep. Center	17 7:00 PM Stark County ARES Net 147.12+ 7:30 PM Swap Net, 147.015+ 8:30 PM CW Net 28.090 MHz	18 7:30 PM Canton ARC Meeting at Emerg. Prep. Center Rte 62	19 7:30 PM QCWA (Chapter 21) Net, 146.79- 9:00 PM AARC Net, 145.37-	20 WA8DBI BD	21																																																																																				
22 Stark County Mutual Aid Net KB0QQL BD ?? Hamfest, Cuyahoga Cnty Fairgrds (Berea) Autumn begins	23 KB8ARW BD Yom Kippur	24 7:00 PM Stark County ARES Net 147.12+ 7:30 PM Swap Net, 147.015+ 8:30 PM CW Net 28.090 MHz	25 KC8AXO BD N8UXL BD	26 7:30 PM QCWA (Chapter 21) Net, 146.79- 9:00 PM AARC Net, 145.37- N8HVI BD	27 <i>Sloppy Fist Net every Monday thru Friday at 9 PM on 28.138 MHz</i>	28 9:00 AM Ham Exams, Franklin Fire Dept. John KB8UHV (330) 336-7975 WD8MCC BD																																																																																				
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